

# enjoy optimum indoor reception of digital TV

Philips PHDTV3 Silver Sensor™ UHF/VHF Amplified Indoor DTV Antenna

**The latest generation industry reference, now featuring: low profile contemporary style, VHF capability, and low noise amplification to extend range.**

- 10dB Adjustable Gain Amplifier - Extends Range
- Trademark Silver Sensor Log Periodic UHF design for best possible indoor reception
- Contemporary low profile design - styled to compliment today's TVs
- Hide Away - Heavily Chrome plated 34" VHF dipoles
- Very Low Noise Amplifier (less than 4dB) to maintain Carrier to Noise ratio - critical for DTV



**PHILIPS**

# High Performance DTV Antenna

PHDTV3

## Technical specifications

Maximum Gain VHF (Channels 2-13): 10dB  
Maximum Gain UHF(Channels 14-59): 15dB  
Noise Figure: < 4.0 dB  
Input Impedance: 75ohm  
Power 120V AC, 12V DC 100mA (UL listed)

## Accessories

AC-DC Power Supply  
5' RG-179 coax cable



**Before  
You  
Start**

For this antenna to work properly, you must access the menu on the television you are connecting this antenna to (consult your television owner's manual) then set it to receive the signal from an ANTENNA instead of CABLE or SATELLITE.

## Connect/Install

1. Connect the supplied coaxial cable (attached to the back of the antenna) to the back of your TV.
2. Connect the power transformer to the antenna then to an AC power outlet.
3. Locate the signal source - Face the antenna towards the source of the signal (transmitter).  
For help locating the signal source go to [www.antennaweb.org](http://www.antennaweb.org)

## For VHF reception

- 1) For VHF reception, position the dipoles so that they are BOTH fully extended and straight up in the air perpendicular to the antenna
- 2) For channels 2 through 6, extend the dipoles fully and adjust to a horizontal position\*\*. For channels 7 through 13, shorten the dipoles by 1/3 length and position in a "V" \*\*.

## For FM reception

- 1) Extend the dipoles to 30" and position them either straight up or horizontally\*\*.

## For UHF reception

- 1) Make sure the dipoles are collapsed and folded back underneath the antenna
- 2) For channels 14 through 69, rotate or point the center portion of the antenna ( large silver portion) towards the transmitter\*\*.

\*\*Indicates that for best results - some adjustments may be necessary

## Using the amplifier

**NOTE:** It is recommended that you try to obtain clear reception first ( with out the use of the amplifier) - if a clear picture is not achieved then proceed to the steps below.

- 1) Make sure that you have the antenna adjusted to receive the clearest picture possible before you adjust the gain.
- 2) Slowly increase the amplifier gain until you achieve the clearest picture possible. Rarely, it is necessary to use maximum gain. Too much gain may result in overamplification or poor picture quality.

**NOTE:** the amplifier gain can be increased by rotating the knob located on the back of the antenna. The level of amplification is indicated by the size of the black arrow next to the knob.



Silver Sensor™ Log Periodic UHF Element



Adjustable Gain Amplifier



Hide-Away VHF Dipoles

UPC: 0 26616 01726 3

Date of issue

Specifications are subject to change without notice.

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